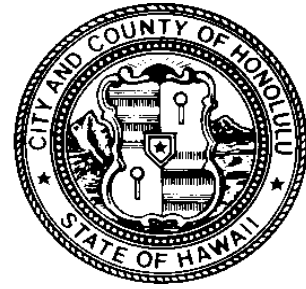


**WASTEWATER DISCHARGE**  
**SUBMETERING**  
**FOR RESIDENTIAL USERS**  
Department of Environmental Services  
City & County of Honolulu



**CURRENT SEWER CHARGES:**

Residential users are assessed a sewer service charge consisting of a monthly base and usage charge. The usage charge includes a monthly allowance for the first 2,000 gallons and a water use credit of 18% for irrigation. The total sewer service charge reflects the cost to collect and treat an average return of 82% (of the water used) back to the sewer system in the form of wastewater flow. Submetering will result in elimination of the irrigation allowance.

**WHY YOU SHOULD SUBMETER:**

All homeowners have the option to submeter. If your discharge into the municipal sewer system is not proportionate to the amount of water used, you may elect to install a private submeter. Due to irrigation and/or other factors, your sewer discharge may be substantially less than 82% of your total water usage.

You must determine if submetering will be beneficial to you. Some factors to consider when deciding to submeter include:

- the cost of the submeter;
- the cost to prepare your submetering plans;
- the cost of hiring a licensed plumber to install and segregate the water lines;
- the time involved in monitoring and calling in the monthly meter readings;
- the actual savings to you.

***All equipment, installation, maintenance, and associated costs shall be the responsibility of the user. Carefully assess your situation to insure submetering will result in a benefit to you.***

If you have any questions or need further information, please call the Department of Environmental Services, Investigation Section, at 527-6240.

**(See Reverse for Submetering Procedures)**

## **RESIDENTIAL SUBMETERING**

### **APPROVAL AND IMPLEMENTATION PROCEDURES**

#### **A. APPROVAL:**

All plans shall be prepared by or under the supervision of a registered Engineer or Architect, be at least 8-1/2" x 11" in size and drawn to scale. Two (2) copies of the plan(s) shall be submitted to the Department of Environmental Services, Investigation Section, for review and approval. The plan(s) shall contain the following information:

1. A title block and space for approval by the Department of Environmental Services.
2. Location and layout of pertinent on-site water system and plumbing fixtures, including the primary water meter(s) with the Board of Water Supply (BWS) account number(s) noted.
3. Location and layout of pertinent on-site sewer and drainage systems showing the connection points to the City's sewer and drainage systems.
4. Location and layout of the proposed submeter(s).
  - (a) Submeters shall be installed at a location that is readily accessible & reasonably free of hazards.
  - (b) No submeter shall be installed between the BWS meter and the BWS required backflow preventer.
5. The make, model number and size of the proposed submeter(s).
6. "General Notes:
  - (a) The submeter shall be maintained on accordance with the manufacturer's instructions. If required by the City, the submeter shall be calibrated by the user. All maintenance and calibration expenses shall be the responsibility of the user.
  - (b) The user shall be responsible for reading the submeter(s) on their designated date and reporting the data to the Investigation Section within five (5) days. Failure to report submeter readings will result in your sewer charges being based on your actual BWS consumption.
  - (c) Access to the submeter(s) shall be permitted to City investigators upon request.
  - (d) The user shall notify the City of any changes to the premises that affect the approved submetering scheme and submit amended copies of plan(s) for approval."
7. This statement, signed & dated by the registered Engineer or Architect: "I certify that all the information shown has been personally verified and is true and accurate."

Any required changes and clarifications shall be incorporated and resubmitted. Upon approval, one (1) set of the signed plans will be returned.

#### **B. IMPLEMENTATION:**

1. The applicant shall be responsible for obtaining any permits required by the City.
2. Submeter readings will be monitored by City investigators as required.
3. Your sewer service charge will be based on the submeter readings, the Board of Water Supply meter readings and the prevailing service charge for residential customers with submeters.
4. Submeter readings must be called (527-6240), faxed (527-6061), or emailed (mmaupin@honolulu.gov) within five (5) days of your designated reading date.